



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupati – 517102

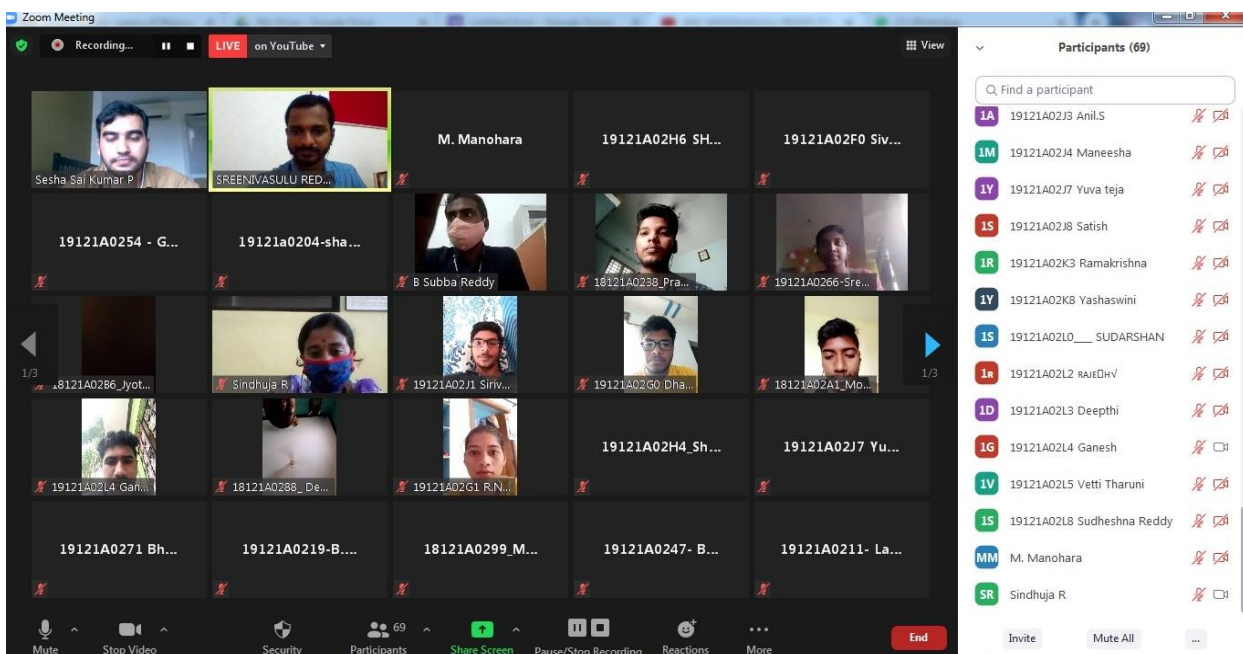
Department of Electrical and Electronics Engineering

A webinar on ”DEPLOYMENT OF SMART GRID INTO POWER SYSTEMS AND ITS CHALLENGES”

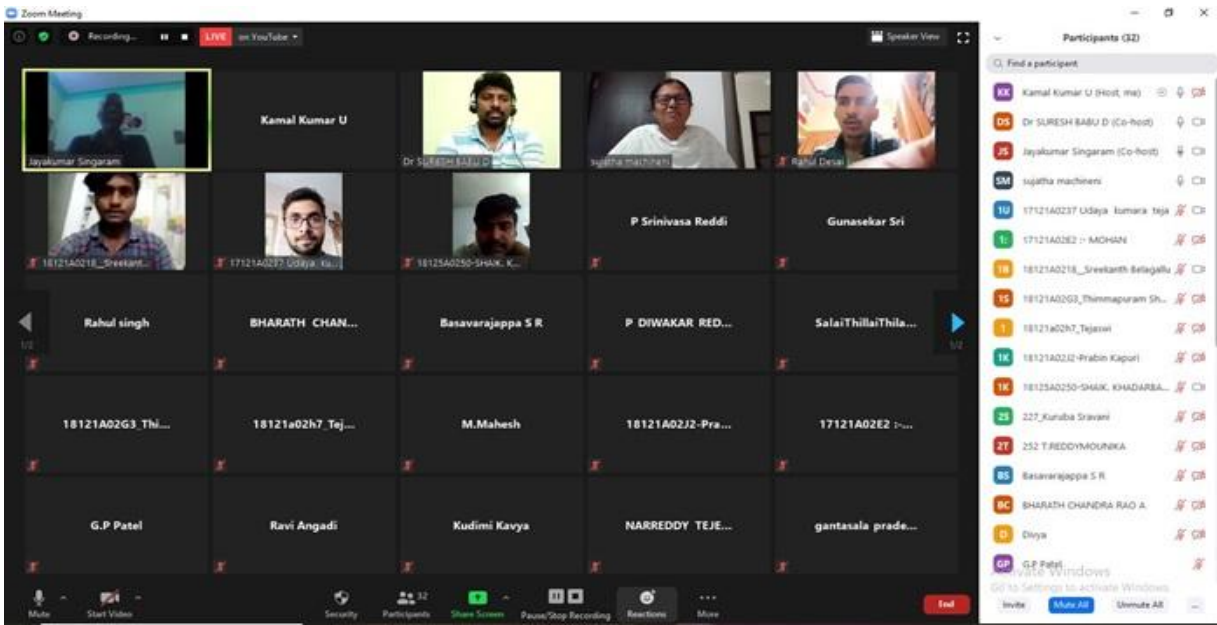
A webinar on “DEPLOYMENT OF SMART GRID INTO POWER SYSTEMS AND ITS CHALLENGES” is organized for II-EEE, III-EEE, M.Tech and for Dept.of EEE Faculty under ISTE Student Chapter & IEEE Student Branch on 09-10-2020.

The session was handled by **Mr. P. SESHASAI KUMAR**, Research Staff at Nanyang Technology University and Research Engineer at Rolls-Royce-Aerospace Singapore. In the session he explained about brief history of power systems and prior art and presented various technologies involved in Power Electronic Systems. The evaluation path of smart grid is clearly explained. A brief report about Electrical Vehicles, trends in Japan are presented. Vehicle to Grid and Grid to Vehicle concept was discussed. Advanced Metering Infrastructure, traditional and smart meters were differentiated. The applications of smart meters were presented. Differentiation between AMI, SCADA and PMU are discussed. At last the smart grid challenges integrated with Distributed Generation were clearly explained. This session will be useful to the students and Faculty for their research.

Few Glances of Online Webinar



Participants attending in Zoom Platform



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